



## Common Core Mathematics Practice for Grade 6

CCSS.Math.Content.6.RP.A.2 - Worksheet #33173

Name: \_\_\_\_\_

Standard: CCSS.Math.Content.6.RP.A.2

Description: Understand the concept of a unit rate  $a/b$  associated with a ratio  $a:b$  with  $b \neq 0$ , and use rate language in the context of a ratio relationship. For example, "This recipe has a ratio of 3 cups of flour to 4 cups of sugar, so there is  $3/4$  cup of flour for each cup of sugar." "We paid \$75 for 15 hamburgers, which is a rate of \$5 per hamburger."

## Solve The Proportion for X (Easy):

1.

$$\frac{5}{7} = \frac{---}{---}$$

$$x = 10$$

6.

$$\frac{19}{8} = \frac{---}{---}$$

$$x = 9$$

2.

$$\frac{4}{6} = \frac{---}{---}$$

$$x = 14$$

7.

$$\frac{x}{17} = \frac{8}{19}$$

3.

$$\frac{x}{18} = \frac{---}{---}$$

$$15 = 7$$

8.

$$\frac{9}{x} = \frac{17}{6}$$

4.

$$\frac{x}{9} = \frac{---}{---}$$

$$20 = 11$$

9.

$$\frac{17}{3} = \frac{---}{---}$$

$$12 = x$$

5.

$$\frac{16}{18} = \frac{---}{---}$$

$$9 = x$$

10.

$$\frac{16}{11} = \frac{---}{---}$$

$$x = 3$$

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